

Climatic Change

Contents of Volume 86

Volume 86 · Numbers 1–2 · January 2008

Lost in translation? United States television news coverage of anthropogenic climate change, 1995–2004

M.T. Boykoff 1

EDITORIAL

A higher standard than ‘balance’ in journalism on climate change science.

An editorial comment

B. Ward 13

Is the glacial refugium concept relevant for northern species?

A comment on Pruett and Winker 2005

J.R. Stewart · L. Dalén 19

Evidence for cryptic northern refugia among high- and temperate-latitude species in Beringia. A response to Stewart and Dalén (2008)

C.L. Pruett · K. Winker 23

Climatic change, refugia, and biodiversity: where do we go from here?

An editorial comment

A.D. Barnosky 29

Output and abatement effects of allocation readjustment in permit trade

T. Sterner · A. Muller 33

Post-Kyoto greenhouse gas inventories: production versus consumption

G.P. Peters · E.G. Hertwich 51

Parallels in reactionary argumentation in the US congressional debates on the abolition of slavery and the Kyoto Protocol

M.D. Davidson 67

Indices for extreme events in projections of anthropogenic climate change

J. Sillmann · E. Roeckner 83

Interdependencies of urban climate change impacts and adaptation strategies: a case study of Metropolitan Boston USA

P. Kirshen · M. Ruth · W. Anderson 105

Climate change and food stress in Russia: what if the market transforms as it did during the past century?

N. Dronin · A. Kirilenko 123

Rainfall variability and kinetic energy in Southern Nigeria

F.K. Salako 151

**Future projections of winter rainfall in southeast Australia using
a statistical downscaling technique**

B. Timbal · D.A. Jones **165**

**Deep groundwater mediates streamflow response to climate warming
in the Oregon Cascades**

C. Tague · G. Grant · M. Farrell · J. Choate · A. Jefferson **189**

Some features of Trieste climate from an eighteenth century diary (1732–1749)

F. Raicich **211**

**Tracing glacier wastage in the Northern Tien Shan (Kyrgyzstan/Central Asia)
over the last 40 years**

P. Niederer · V. Bilenko · N. Ershova · H. Hurni · S. Yerokhin · D. Maselli **227**

Volume 86 · Numbers 3–4 · February 2008

How adoption rates, timing, and ceilings affect the value of ENSO-based climate forecasts

D.J. Rubas · J.W. Mjelde · H.A. Love · W. Rosenthal **235**

**'Splendid rains have fallen': links between El Niño and rainfall variability
in the Kalahari, 1840–1900**

D.J. Nash · G.H. Endfield **257**

What determines farmers' resilience towards ENSO-related drought?

An empirical assessment in Central Sulawesi, Indonesia

A. Keil · M. Zeller · A. Wida · B. Sanim · R. Birner **291**

Changes in climate extremes, variability and signature on sub-Antarctic Marion Island

P.C. le Roux · M.A. McGeoch **309**

**A 400-year tree-ring record of the Puelo River summer–fall streamflow
in the Valdivian Rainforest eco-region, Chile**

A. Lara · R. Villalba · R. Urrutia **331**

**A robust sequential CO₂ emissions strategy based on optimal control
of atmospheric CO₂ concentrations**

A.J. Jarvis · P.C. Young · D.T. Leedal · A. Chotai **357**

**Carbon storage in the grasslands of China based on field measurements
of above- and below-ground biomass**

J. Fan · H. Zhong · W. Harris · G. Yu · S. Wang · Z. Hu · Y. Yue **375**

**Scaling from stand to landscape scale of climate change mitigation by afforestation
and forest management: a modeling approach**

J.F. Garcia-Quijano · G. Deckmyn · R. Ceulemans · J. van Orshoven · B. Muys **397**

**Assessing the impact of climate change on representative field crops in Israeli
agriculture: a case study of wheat and cotton**

D. Haim · M. Shechter · P. Berliner **425**

**Changes in frost, snow and Baltic sea ice by the end of the twenty-first century
based on climate model projections for Europe**

K. Jylhä · S. Fronzek · H. Tuomenvirta · T.R. Carter · K. Ruosteenoja **441**

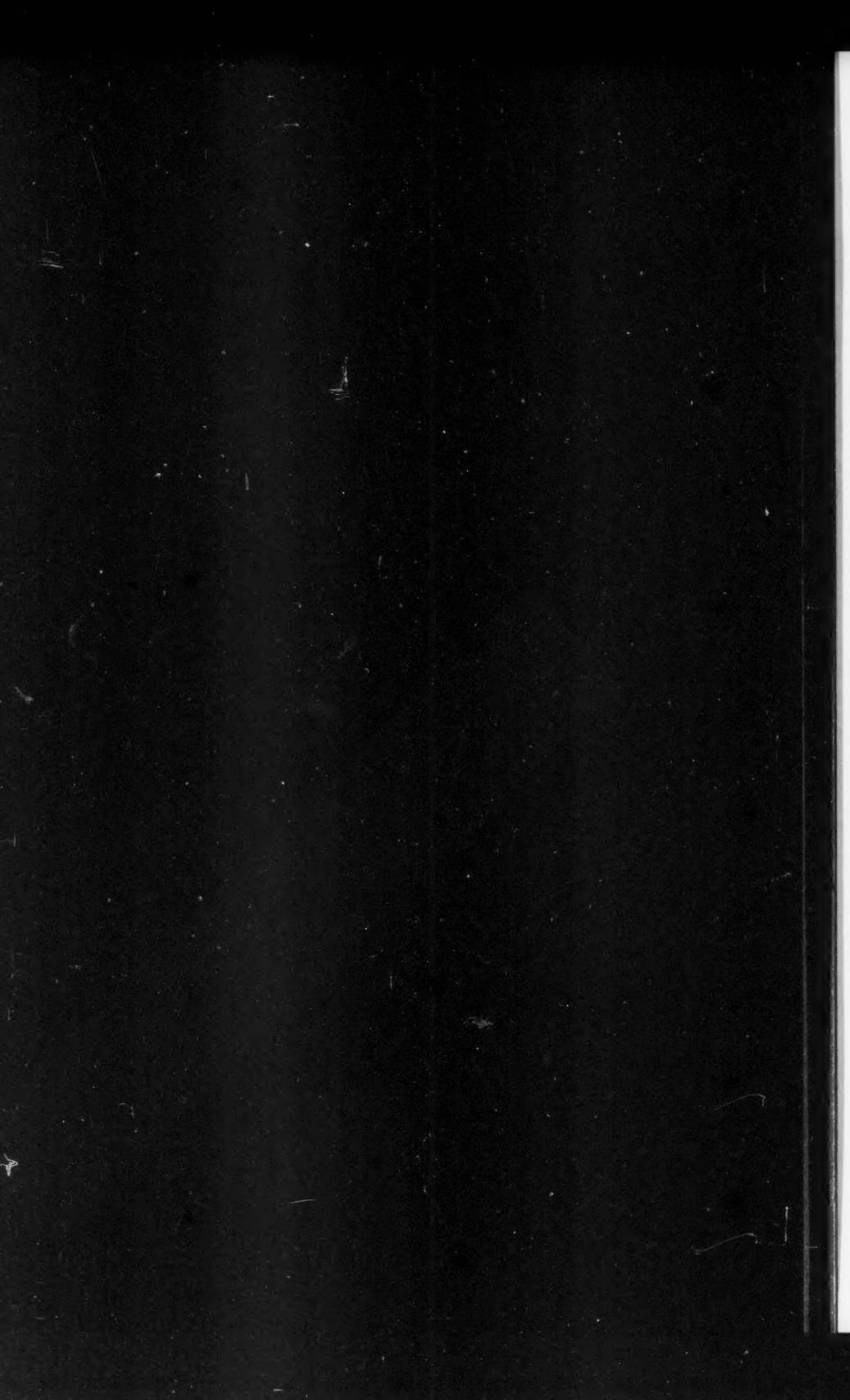
An assessment of potential change in wildfire activity in the Russian boreal forest zone induced by climate warming during the twenty-first century

S.P. Malevsky-Malevich · E.K. Molkentin · E.D. Nadyozhina · O.B. Shklyarevich **463**

BOOK REVIEW

H. A. Bridgman and J. E. Oliver, The Global Climate System: Patterns, Processes and Teleconnections

K. Walsh **475**



AUTHOR INDEX

(Volume 86)

- Anderson, W., 105
Barnosky, A.D., 29
Berliner, P., 425
Bilenko, V., 227
Birner, R., 291
Boykoff, M.T., 1
Carter, T.R., 441
Ceulemans, R., 397
Choate, J., 189
Chotai, A., 357
Dalén, L., 19
Davidson, M.D., 67
Deckmyn, G., 397
Dronin, N., 123
Endfield, G.H., 257
Ershova, N., 227
Fan, J., 375
Farrell, M., 189
Fronzek, S., 441
García-Quijano, J.F., 397
Grant, G., 189
Haim, D., 425
Harris, W., 375
Hertwich, E.G., 51
Hu, Z., 375
Hurni, H., 227
Jarvis, A.J., 357
Jefferson, A., 189
Jones, D.A., 165
Jylhä, K., 441
Keil, A., 291
Kirilenko, A., 123
Kirshen, P., 105
Lara, A., 331
le Roux, P.C., 309
Leedal, D.T., 357
Love, H.A., 235
Malevsky-Malevich, S.P., 463
Maselli, D., 227
McGeoch, M.A., 309
Mjelde, J.W., 235
Molkentin, E.K., 463
Muller, A., 33
Muys, B., 397
Nadyozhina, E.D., 463
Nash, D.J., 257
Niederer, P., 227
Peters, G.P., 51
Pruett, C.L., 23
Raicich, F., 211
Roeckner, E., 83
Rosenthal, W., 235
Rubas, D.J., 235
Ruosteenoja, K., 441
Ruth, M., 105
Salako, F.K., 151
Sanim, B., 291
Shechter, M., 425
Shklyarevich, O.B., 463
Sillmann, J., 83
Sterner, T., 33
Stewart, J.R., 19
Tague, C., 189
Timbal, B., 165
Tuomenvirta, H., 441
Urrutia, R., 331
van Orshoven, J., 397
Villalba, R., 331
Walsh, K., 475
Wang, S., 375
Ward, B., 13
Wida, A., 291
Winker, K., 23
Yerokhin, S., 227
Young, P.C., 357
Yu, G., 375
Yue, Y., 375
Zeller, M., 291
Zhong, H., 375